

What is claimed is:

1. A process for preparing 5-chloro-*N*-{((5*S*)-2-oxo-3-[4-(3-oxo-4-morpholinyl)phenyl]-1,3-oxazolidin-5-yl}methyl)-2-thiophenecarboxamide of the formula (I), characterized in that

5-chlorothiophene-2-carbonyl chloride (IV) is prepared in a first step by chlorinating 5-chlorothiophene-2-carboxylic acid, and is then

10 reacted in a second step with (2*S*)-3-aminopropane-1,2-diol hydrochloride (VII) to give *N*-((*S*)-2,3-dihydroxypropyl)-5-chlorothiophene-2-carboxamide (VIII) which is then

15 converted in a third step to *N*-((*S*)-3-bromo-2-hydroxypropyl)-5-chlorothiophene-2-carboxamide (IX) which is then

20 converted in a fourth step by reacting with 4-(4-aminophenyl)-3-morpholinone (III) to *N*-{(*R*)-2-hydroxy-3-[4-(3-oxomorpholin-4-yl)phenylamino]propyl}-5-chlorothiophene-2-carboxamide (X) which is then

reacted in a fifth step with phosgene or a phosgene equivalent.

2. A process for preparing *N*-((*S*)-2,3-dihydroxypropyl)-5-chlorothiophene-2-carboxamide (VIII), characterized in that 5-chlorothiophene-2-carbonyl chloride (IV) is reacted with (2*S*)-3-aminopropane-1,2-diol hydrochloride (VII).

3. A process for preparing *N*-((*S*)-3-bromo-2-hydroxypropyl)-5-chlorothiophene-2-carboxamide (IX) from *N*-((*S*)-2,3-dihydroxypropyl)-5-chlorothiophene-2-carboxamide (VIII).

4. A process for preparing *N*-{(*R*)-2-hydroxy-3-[4-(3-oxomorpholin-4-yl)phenylamino]propyl}-5-chlorothiophene-2-carboxamide (X), characterized

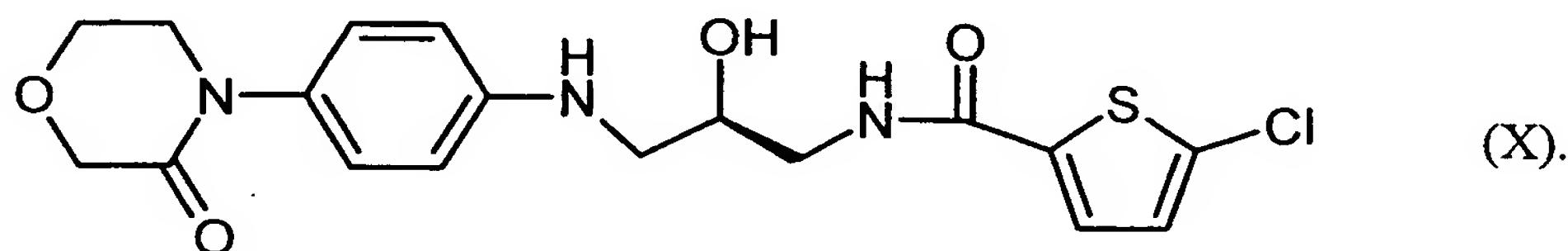
in that N-((S)-3-bromo-2-hydroxypropyl)-5-chlorothiophene-2-carboxamide (IX) is reacted with 4-(4-aminophenyl)-3-morpholinone (III).

5. A process for preparing 5-chloro-N-((5S)-2-oxo-3-[4-(3-oxo-4-morpholinyl)phenyl]-1,3-oxazolidin-5-yl)methyl)-2-thiophenecarboxamide of the formula (I), characterized in that N-((R)-2-hydroxy-3-[4-(3-oxomorpholin-4-yl)phenylamino]propyl)-5-chlorothiophene-2-carboxamide (X) is reacted with phosgene or a phosgene equivalent.
- 10 6. The process as claimed in claim 5, characterized in that the phosgene equivalent is N,N-carbonyldiimidazole.
7. The process as claimed in claim 6, characterized in that from 1.1 to 1.3 equivalents of N,N-carbonyldiimidazole are used.
- 15 8. The process as claimed in one of claims 5 to 7, characterized in that the reaction takes place in a solvent mixture of 1-methyl-2-pyrrolidone and toluene.
- 20 9. The process as claimed in one of claims 5 to 8, characterized in that the N-((R)-2-hydroxy-3-[4-(3-oxomorpholin-4-yl)phenylamino]propyl)-5-chlorothiophene-2-carboxamide (X) is prepared by reacting N-((S)-3-bromo-2-hydroxypropyl)-5-chlorothiophene-2-carboxamide (IX) with 4-(4-aminophenyl)-3-morpholinone (III).
- 25 10. The process as claimed in claim 9, characterized in that the N-((S)-3-bromo-2-hydroxypropyl)-5-chlorothiophene-2-carboxamide (IX) is prepared by converting N-((S)-2,3-dihydroxypropyl)-5-chlorothiophene-2-carboxamide (VIII).
- 30 11. The process as claimed in claim 10, characterized in that the N-((S)-2,3-dihydroxypropyl)-5-chlorothiophene-2-carboxamide (VIII) is prepared by

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reacting 5-chlorothiophene-2-carbonyl chloride (IV) with (2*S*)-3-aminopropane-1,2-diol hydrochloride (VII).

12. N-*{(R)*-2-Hydroxy-3-[4-(3-oxomorpholin-4-yl)phenylamino]propyl}-5-chlorothiophene-2-carboxamide of the formula (X)



13. N-*((S)*-3-Bromo-2-hydroxypropyl)-5-chlorothiophene-2-carboxamide of the formula (IX)

